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## (WO/2005/053182) A METHOD AND APPARATU FOR IMPLEMENTII CDMA COMMUNICATION SYSTEM

Biblio. Data

Description

Claims

National Phase

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Document

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**Title:** A METHOD AND APPARATU FOR IMPLEMENTING BEAM FORMING IN CI  
SYSTEM

**Abstract:** The present invention relates to a method and apparatus. For  
implementing beam forming in CDMA communication system . It provides  
a plurality of fixed beams formed within a sector. A plurality of fixed beams  
used in the same smart antennas system are formed narrow beam traffic  
channel and common channel having sector beam at the same time. It  
can overcome the differ from the change of time and temperature with  
phase of each path. So it need not complex technique of calibration. The  
capacity and performance in multi-antennas CDMA system have been  
improved. It resolves the problem that the coherent of each of fixed  
beams of space vector overlaps at some areas, when it transmits the  
common channel in multi-antennas CDMA system. The intensity of the  
polite channels and traffic channels becomes corresponding proportion;  
the received signal's ratio of the signal to noise is increased in mobile  
stations. The optical transceiver system is set between baseband and  
TRX; the more carriers are sustained in the baseband system. The distance t  
frequency and the antenna is very close; the power cost is reduce.

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